

CLAIMS:

1. A pipe coupling comprising:  
an elongated housing comprising a first end and a second end, the housing defining an elongated bore therein;  
a stop located on an inner diameter of the housing, the stop located between the first end and the second ends of the housing, wherein a distance from the stop to one of the first and second ends is at least two times a distance from the stop to the other of the first and second end of the housing;  
a first cylindrical bore extending from the first end to the stop; and  
a second cylindrical bore extending from the second end to the stop, wherein an angle between the first cylindrical bore and the second cylindrical bore is about 15 degrees to about 165 degrees.
2. The pipe coupling of Claim 1, wherein the angle between the first cylindrical bore and the second cylindrical bore is about 45 degrees.
3. The pipe coupling of Claim 1, wherein the angle between the first cylindrical bore and the second cylindrical bore is about 60.
4. The pipe coupling of Claim 1, wherein the angle between the first cylindrical bore and the second cylindrical bore is about 90.
5. The pipe coupling of Claim 1, wherein the angle between the first cylindrical bore and the second cylindrical bore is about 120 degrees.

6. The pipe coupling of Claim 1, wherein the angle between the first cylindrical bore and the second cylindrical bore is about 135 degrees.

7. The pipe coupling of Claim 1, wherein the first cylindrical bore has a first outer diameter and the second cylindrical bore has a second outer diameter, the first outer diameter greater than the second outer diameter.

8. The pipe coupling of Claim 1, wherein the first cylindrical bore has a first outer diameter and the second cylindrical bore has a second outer diameter, the first outer diameter less than the second outer diameter.

9. The pipe coupling of Claim 1, wherein the first cylindrical bore has a first inner diameter and the second cylindrical bore has a second inner diameter, wherein the first inner diameter is greater than the second inner diameter.

10. The pipe coupling of Claim 1, wherein the first cylindrical bore has a first inner diameter and the second cylindrical bore has a second inner diameter, wherein the first inner diameter is less than the second inner diameter.

11. A pipe coupling consisting of:  
an elongated housing comprising a first end and a second end, the housing defining an elongated bore therein;  
a stop located on an inner diameter of the housing, the stop located between the first end and the second ends of the housing, wherein a distance from the stop to one of the first and second ends is at least two times a distance from the stop to the other of the first and second end of the housing;  
a first cylindrical bore extending from the first end to the stop; and

a second cylindrical bore extending from the second end to the stop, wherein the angle between the first cylindrical bore and the second cylindrical bore is about 15 degrees to about 165 degrees.

12. A pipe coupling comprising:

an elongated housing comprising a first end and a second end, the housing defining an elongated bore therein;

a stop located on an inner diameter of the housing, the stop located between the first end and the second end, wherein a distance from the stop to one of the first and second ends of the housing is at least two times a distance from the stop to the other of the first and second end of the housing;

a first cylindrical bore extending from the first end to the stop;

a second cylindrical bore extending from the second end to the stop;

a third cylindrical bore extending at an angle of approximately 15 to 165 degrees to the first and second cylindrical bores; and

a fourth cylindrical bore on an opposite side of the third cylindrical bore extending at an angle of approximately 15 to 165 degrees to the first and second cylindrical bores.

13. A method of repairing a pipe comprising:

removing a section of pipe forming a first pipe end and a second pipe;

selecting a pipe coupling equal to the length of the section of pipe removed and at least twice a diameter of the pipe, the pipe coupling comprising:

an elongated housing comprising a first end and a second end, the housing defining an elongated bore therein;

a stop located on an inner diameter of the housing, the stop located between the first end and the second ends of the housing, wherein a distance from

the stop to one of the first and second ends is at least two times a distance from the stop to the other of the first and second end of the housing;

a first cylindrical bore extending from the first end to the stop; and

a second cylindrical bore extending from the second end to the stop;

inserting a first end of the pipe coupling onto the first pipe end;

advancing the pipe coupling in a first direction onto the first pipe end;

aligning the second end of the piping coupling with the second pipe end; and

advancing the pipe coupling in an opposite direction onto the second pipe end until the stop reaches the second pipe end.

14. The method of Claim 13, further comprising applying an adhesive to the inner diameter of the first cylindrical bore of the pipe coupling.

15. The method of Claim 13, further comprising applying an adhesive to the inner diameter of the second cylindrical bore of the pipe coupling.

16. A method of repairing a pipe comprising:

removing a section of pipe forming a first pipe end and a second pipe end;

selecting a pipe coupling of a length equal to at least twice the length of the section of pipe removed, the pipe coupling comprising:

an elongated housing comprising a first end and a second end, the housing defining an elongated bore therein;

a stop located on an inner diameter of the housing, the stop located between the first end and the second ends of the housing, wherein a distance from the stop to one of the first and second ends is at least two times a distance from the stop to the other of the first and second end of the housing;

a first cylindrical bore extending from the first end to the stop; and

a second cylindrical bore extending from the second end to the stop;  
inserting the first cylindrical bore of the pipe coupling onto an end of a first pipe, the pipe coupling;  
advancing the pipe coupling in a first direction onto the first pipe end;  
aligning the second cylindrical bore of the piping coupling with the second pipe end; and  
advancing the pipe coupling in an opposite direction onto the second pipe end until the stop reaches the second pipe end.

17. The method of Claim 16, further comprising applying an adhesive to the inner diameter of the first cylindrical bore of the pipe coupling.

18. The method of Claim 16, further comprising applying an adhesive to the inner diameter of the second cylindrical bore of the pipe coupling.